CLAIMS

What is claimed is:

1. An apparatus that develops an algorithmic representation based on a textual source code, comprising:

    first logic, the first logic deriving algorithmic flow information from the textual source code; and

    second logic, the second logic using hierarchical Flow Structure Markup Language grammar to encode the algorithmic flow information and the textual source code to create the algorithmic representation.

2. The apparatus of claim 1, wherein the algorithmic representation is viewable as a flowchart and wherein the flowchart can be graphically edited.

3. The apparatus of claim 1, wherein the Flow Structure Markup Language grammar is Extended Markup Language (XML)-complaint Flow Structure Markup Language grammar.

4. The apparatus of claim 1, wherein the Flow Structure Markup Language grammar is non-XML-complaint Flow Structure Markup Language grammar.

5. The apparatus of claim 2, wherein editing the flowchart results in the textual source code being automatically edited.

6. A method for developing an algorithmic representation based on a textual source code, the method comprising the steps of:

    deriving algorithmic flow information from the textual source code; and

    using hierarchical Flow Structure Markup Language grammar to encode the textual source code and the algorithmic flow information to create the algorithmic representation.

7. The method of claim 6, wherein the algorithmic representation is viewable as a flowchart, wherein the flowchart can be graphically edited.

8. The method of claim 6, wherein the Flow Structure Markup Language grammar is XML-complaint Flow Structure Markup Language grammar.

9. The method of claim 6, wherein the Flow Structure Markup Language grammar is non-XML-complaint Flow Structure Markup Language grammar.

10. The method of claim 7, wherein the textual source code is edited based on the edit of the flowchart.

11. A computer program for developing an algorithmic representation based on a textual source code, the computer program being embodied on a computer-readable medium, the computer program comprising:

a first logic, the first logic deriving algorithmic flow information from the textual source code; and

a second logic, the second logic using hierarchical Flow Structure Markup Language grammar to encode the textual source code and the algorithmic flow information to create the algorithmic representation.

12. The computer program of claim 11, wherein the algorithmic representation is viewable as a flowchart, wherein the flowchart can be graphically edited by an editing logic.

13. The computer program of claim 11, wherein the Flow Structure Markup Language grammar is XML-complaint Flow Structure Markup Language grammar.

14. The computer program of claim 11, wherein the Flow Structure Markup Language grammar is non-XML-complaint Flow Structure Markup Language grammar.

15. The computer program of claim 12, wherein a second editing logic edits the textual source code based on the editing of the flowchart.

16. A means for developing an algorithmic representation based on a textual source code, comprising:

    deriving algorithmic flow information from the textual source code; and

    using hierarchical Flow Structure Markup Language grammar to encode the textual source code and the algorithmic flow information to create the algorithmic representation.

17. The means of claim 16, wherein the algorithmic representation is viewable as a flowchart, wherein the flowchart can be graphically edited.

18. The means of claim 16, wherein the Flow Structure Markup Language grammar is XML-complaint Flow Structure Markup Language grammar.

19. The means of claim 16, wherein the Flow Structure Markup Language grammar is non-XML-complaint Flow Structure Markup Language grammar.

20. The means of claim 17, wherein the editing of the flowchart automatically edits the textual source code.